

Cambridge IGCSE® (preAICE) Chemistry – Summer Assignment

Mrs. Rodriguez & Mrs. Bromley

By the end of the first week of school, **Friday, August 17th, 2018**, each Cambridge preAICE Chemistry student SHOULD have accomplished the following:

Memorize a subset of element names and chemical symbols from the Periodic Table of Elements

Students will visit www.quizlet.com and type “Mrs. Bromley Element Symbols” into the search bar, or simply click on this link https://quizlet.com/_eynlf This set of online flashcards contains the element names and symbols for the first 36 elements and 6 (six) other common metals (Barium, Silver, Gold, Tin, Mercury & Lead). Student mastery of these elements names and their corresponding chemical symbols is essential to their success in **preAICE Chemistry (and beyond)**. The list of elements to memorize **has also been attached**, if one cannot gain access to this list online.

A few important things to note...

- *Quizlet* can be downloaded as an “app” on iPhones and other smartphones
- In addition to the ‘flashcard feature’, *Quizlet* utilizes a number of games that can be played to learn the Element names and their corresponding chemical symbols.
- Pay particular attention to the **spelling** of each element; some of them are very similar.
- Pay particular attention to the **capitalization** of each chemical symbol: **CO** is **not** the same as **Co**.
- Many element chemical symbols come from the **Latin name** for the element. For example, the chemical symbol for Gold is Au; this comes from the Latin for Gold, which is *aurum*. **Learning the Latin names/roots for the element symbols that are not directly connected to their Element names on the periodic table would be most helpful.**
- **Students can expect their first “Element Symbols” test on Friday, August 17th, 2018**
- We welcome your questions at jbromley@pasco.k12.fl.us or jegarcia@pasco.k12.fl.us